

CLAIMS

1. A motor vehicle reverse assistance light comprising:

a housing which is an inverted U-shaped shell utilized to hold a socket;

a base which is a rectangular-shaped member that includes:

5 a rod and an arcuate groove formed on the said rectangular-shaped member of the said base;

the said rod on the said base member which is engaged within the said receptacle in the said housing shell so that it is rotatably conjoined to it;

10 a locating tab in the said housing shell situated in the said arcuate groove on the said base member;

a lamp hood that is a screw-on tube with a transparent outer cover fastened onto a threaded sleeve, which further consists of:

a receptacle and a locating tab formed inside the said shell;

a threaded sleeve at one end of the said shell; and

15 an LED bulb cluster set onto the said socket, which is then inserted inside the said threaded sleeve of the said housing.

2. As mentioned in Claim 1 of the motor vehicle reverse assistance light of the invention herein, the said receptacle in the said housing shell includes:

20 a semicircular retaining edge and a pair or more slots along its opening;

the said rod on the said base member consisting of:

a rounded annular tip at the distal end;

a passage through the center;

5 the said rounded annular tip on the said rod of the said base member which
is rotatably coupled by means of the said semicircular retaining edge along the
opening of the said receptacle in the said housing shell; and

the said wire leading on the said socket which are routed through the said
passage centered in the said rod of the said base member.

3. As mentioned in Claim 1 of the motor vehicle reverse assistance light of the
10 invention herein, a channel is formed along the lower side of said base member
that proceeds along one side of the said member up to the said passage in the
center of the said rod on the said member to facilitate the routing of the said
wire leads from the rear side of the said socket to the reverse light switch and
electrical ground connections.